



U.S. Department
of Transportation
Federal Aviation
Administration

Advisory Circular

ANNOUNCEMENT OF AVAILABILITY

Subject: AIRPORT RESEARCH AND TECHNICAL
REPORTS

Date: 2/11/85
Initiated by: AAS-100

AC No: 150/5000-4B
Change:

1. PURPOSE. The purpose of this advisory circular (AC) is to alert the public to the availability of published research and technical reports sponsored by the Federal Aviation Administration (FAA) on a variety of airport related subjects.
2. CANCELLATION. This AC cancels AC 150/5000-4A, Announcement of Availability: Airport Research and Technical Reports, dated January 5, 1984.
3. PRINCIPAL CHANGES. The revised list reflects changes through February 1, 1985.
4. BACKGROUND. The Federal Aviation Act of 1958 empowers the Secretary of Transportation to undertake studies and research and development (R&D) projects to meet the needs for safe and efficient navigation and traffic control of all civil aviation. The Program Engineering and Maintenance Service (APM) of the FAA is the primary office responsible for aviation R&D. Each year, as a part of this program, APM conducts research involving many topics concerned with airport matters that include airport design concepts and configurations, construction standards, the environment, and safety of operations. The results of these research efforts are published in reports that are available to the public.
5. HOW TO ORDER. Appendix 3 contains information for purchasing U.S. Government R&D reports and National Technical Information Service (NTIS) Searches. Price schedules contained in Appendix 3 are current as of the date of this AC and are subject to change.

LEONARD E. MUDD
Director, Office of Airport Standards

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| Landing Aids | 6 |
| Radio Navigation | 6 |
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1. NATIONAL TECHNICAL INFORMATION SERVICE (NTIS). The NTIS, an agency of the U.S. Department of Commerce, is the central source for the public sale of U.S. Government-sponsored research, development, and engineering technical reports in addition to other analyses prepared by Federal agencies, their contractors, or grantees. It is also the central source for Federally generated machine-processable data files and software and manages the Federal Software Exchange Center. NTIS sells its technical information products and services under the provisions of Title 15 of the U.S. Code (1151-7). This law established NTIS as a clearinghouse for scientific, technical, and engineering research.

2. NTIS SEARCHES. NTIS Searches are fully annotated bibliographies (with abstracts) that are prepared by information specialists in subject areas most frequently requested by NTIS customers from the NTIS on-line bibliographic retrieval system. The NTIS information collection exceeds a million titles with seventy thousand new reports added annually to the NTIS data base. NTIS Searches are of two kinds: Published Searches and On-Line Searches. Published Searches are prepared in anticipation of users' needs. On-Line Searches are prepared on a customized basis to satisfy a very specific user information need. Appendix 2 contains a listing of selected available Published Searches involving airport topics. A complete listing of Published Searches may be obtained from NTIS or may be found in the back of Published Search documents. When available, current NTIS listings should be consulted in lieu of appendix 2.

3. GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX (GRA&I). Full summaries of U.S. research reports are published in one biweekly indexed volume. Coverage is comprehensive--about seventy thousand new summaries annually--and is indexed by subject, keyword, personal and corporate author, Government contract and report/accession numbers. These summary documents are designed for librarians and technical information specialists and generally can be found in up-to-date technical libraries.

4. LISTING OF AIRPORT TECHNICAL REPORTS. Appendix 1 contains a listing of selected technical reports published since 1970 on a variety of subjects involving airport matters. Copies of reports contained in this listing are available in paper copy or microfiche and can be purchased by ordering from NTIS. This listing has been developed only for quick reference purposes. It is revised on an infrequent basis and is not all-inclusive. When available, bibliographic Published Search documents compiled and sold by NTIS should be consulted. It should be recognized that the procedures, materials, design techniques, and recommendations contained in these reports have not necessarily been adopted or endorsed by the FAA. If research results indicate that a product or technique will provide an acceptable level of safety and will satisfy other considerations including economy, durability, and workmanship, it may be approved by the FAA for use on an individual airport project on a pilot basis or may be adopted as policy and/or as a national standard.

APPENDIX 1. LISTING OF SELECTED
FAA R&D TECHNICAL REPORTS: 1970-1984

This appendix contains a listing of selected FAA technical reports by category that are available by ordering through NTIS. Below is an example footnoted to indicate each section of the entry.

FAA-RD-75-207 1/
State-of-the-Art in Predicting Pavement Reliability
from Input Variability 2/
AD-A018 904 3/ 76-04 4/ 13B 5/ PCA05/MFA01 6/

- 1/ FAA report number
- 2/ Report title
- 3/ NTIS ordering number
- 4/ Volume number of the Government Reports Announcements and Index(GRA&I)
containing the report
- 5/ NTIS subject category
- 6/ Schedule price code(PC-paper copy, MF-microfiche) from Appendix 3, page 2

AC 150/5000-4B

Appendix 1

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS

FAA-RD-71-055

Analytical Tools for the Study of
Airport Congestion
AD-730 789 71-22 1E PCA04/MFA01

FAA-RD-72-140

Arresting Gear Tests for Elevated
Short Takeoff and Landing Ports
(STOL)
AD-754 268 73-05 1E PCA02/MFA01

FAA-EM-73-005

Models for Runway Capacity Analysis
AD-760 637 73-14 1E PCA07/MFA01

FAA-EM-73-009

Reduction of Parallel Runway
Requirements
AD-764 668 73-19 17G PCA04/MFA01

FAA-RD-73-011, Vol. 1

Procedures for Determination of
Airport Capacity
AD-763 593 73-17 17G PCA09/MFA01

FAA-RD-73-011, Vol. 2

Procedures for Determination of
Airport Capacity - Appendices
AD-763 560 73-17 17G PCA13/MFA01

FAA-RD-73-015

Elevated STOLport Test Facility
Conceptual Development and Cost
Study
AD-763 595 73-17 1E PCA04/MFA01

FAA-RD-73-018

Statistical Methods for Measuring
Aeronautical Activity at Non-
Tower Airports
AD-758 238 73-10 1E PCA05/MFA01

FAA-RD-73-019

Instructional Manual for Measuring
Aeronautical Activity at Non-
Tower Airports
AD-758 570 73-11 1E PCA03/MFA01

FAA-RD-73-082

The Apron-Terminal Complex, Analysis
of Concepts for Evaluation of
Terminal Buildings
AD-771 186 74-04 1E PCA08/MFA01

FAA-RD-73-097

Analysis of Dual Lane Runways
AD-777 914 74-13 1E PCA04/MFA01

FAA-QS-74-001

The Chicago-Midway Airport Study,
Volume 1
AD-A003 943 75-06 1B PCA08/MFA01

FAA-QS-74-001, Vol. 2

The Chicago-Midway Airport Study,
Volume 2, Methodology and Supporting
Data
AD-A005 642 75-08 1E PCA18/MFA01

FAA-EM-74-005, Vol. 1

FAA Report on Airport Capacity,
Volume 1, National Summary
AD-774 784 74-09 1E PCA05/MFA01

FAA-EM-74-005, Vol. 2

FAA Report on Airport Capacity,
Volume 2, Eight Airport Survey
AD-774 789 74-09 1E PCA13/MFA01

FAA-RD-74-080

Dual Lane Runway Study
AD-779 496 74-15 1E PCA02/MFA01

FAA-RD-74-124

Techniques for Determining Airport
Airsides Capacity and Delay
AD-A032 475 1E PCA11/MFA01

FAA-RD-74-133

Graphic Study of a Selected Site for
a Second Major Airport in the
Atlanta, Georgia, Terminal Area
AD-783 751 74-21 17G PCA03/MFA01

FAA-RD-74-177

Development of a Non-Survey Method
Estimating Traffic at Non-Towered
Airports
AD-A002 397 75-04 1B PCA08/MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

FAA-RD-74-178

Estimating Operations at Non-Towered Airports Using the Non-Survey Method
 AD-A001 404 75-02 1B PCA02/MFA01

FAA-RD-74-184, Vol. 1

New York Offshore Airport Feasibility Study, Volume 1, Introduction, Summary and Conclusions
 AD-A003 125 75-05 1E PCA08/MFA01

FAA-RD-74-184, Vol. 2

New York Offshore Airport Feasibility Study, Volume 2, Air Traffic Projections, Air Side Operations, Site Selection, Ground Access, Structural Concepts
 AD-A003 126 75-05 1E PCA16/MFA01

FAA-RD-74-184, Vol. 3

New York Offshore Airport Feasibility Study, Volume 3, Airport Configuration, Ancillary Functions, Airport Construction, Environment Protection, Financial Analysis and Community Impact
 AD-A003 798 75-06 1C PCA13/MFA01

FAA-ASP-75-005

The Airport Performance Model
 AD-A025 262 76-15 1B PCA10/MFA01

FAA ASP-75-006

The Airport Network Flow Simulator
 AD-A025 740 76-16 15E PCA05/MFA01

FAA-RD-75-018

Feasibility of Real Time Simulation of Airport/Airside Operations
 AD-A006 996 75-10 1E PCA03/MFA01

FAA-RD-75-043

Study to Develop Regional and Nation-Wide Estimates of General Aviation (GA) Activity at Non-Towered Airports
 AD-A009 883 75-14 1B PCA06/MFA01

FAA-RD-75-066

Validation of Maximum Airport Throughput Levels Estimated by the DELCAP Simulation Model
 AD-A011 485 75-17 17G PCA04/MFA01

FAA-RD-75-124, Vol. 1

Forecast of Landside Airport Access Traffic at 211 Major U.S. Airports to 1990, Volume 1, The Forecasts
 AD-A025 401 76-16 1E PCA11/MFA01

FAA-RD-75-124, Vol. 2

Forecast of Landside Airport Access Traffic at 211 Major U.S. Airports to 1990, Volume 2, Detailed Technical Description of Forecasting Methods
 AD-A025 246 76-15 1E PCA05/MFA01

FAA-RD-75-154

Validation of the DELCAP Airport Simulation Model
 AD-A021 127 76-08 1E PCA08/MFA01

FAA-RD-75-169

The Application of Simulation Methods to Intra-Airport Landside Problems
 AD-A017 084 76-01 1E PCA05/MFA01

FAA-RD-75-191

The Apron and Terminal Building Planning Manual
 AD-A018 120 76-02 1E PCA15/MFA01

FAA-AGL-76-001, Vol. 1

O'Hare Delay Task Force Study, Volume 1, Executive Summary
 AD-A030 237 76-24 1E PCA03/MFA01

FAA-AGL-76-001, Vol. 2

O'Hare Delay Task Force Study, Volume 2, Technical Report
 AD-A030 172 76-24 1E PCA11/MFA01

FAA-AGL-76-001, Vol. 3

O'Hare Delay Task Force Study, Volume 3, Technical Appendices
 AD-A030 305 76-25 1E PCA09/MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

FAA-ASP-76-003

Selected Documents for Aviation
Planning in the Terminal Area
AD-A028 309 76-21 1E PCA04/MFA01

FAA-AVP-77-041

Analysis of Air Traffic Delays at
Metropolitan Airports
AD-A088 337 80-26 PCA03/MFA01

FAA-RD-76-128-BK-1

Model User's Manual for Airfield
Capacity and Delay Models, Book 1
AD-A033 685 1E PCA14/MFA01

FAA-RD-77-045

FAA Airport Capacity and Delay
Models
AD-A039 305 1E CPT05

FAA-RD-76-128-BK-2

Model Users' Manual for Airfield
Capacity and Delay Models, Book 2
AD-A036 354 1E PCA08/MFA01

FAA-AVP-78-002

The FAA's Airport Landside Model:
Analytical Approach to Delay
Analysis
AD-A051 145 78-12 1E PCA06/MFA01

FAA-RD-76-153

Technical Report on Airport Capacity
and Delay Studies
AD-A032 166 1E PCA09/MFA01

FAA-EM-78-007

Airport Improvement Task Force Delay
Study: Data Collection, Reduction,
and Analysis
AD-A056 201 78-21 1E PCA04/MFA01

FAA-RD-76-162

Supporting Documentation for
Technical Report on Airport
Capacity and Delay Studies
AD-A032 526 1E PCA04/MFA01

FAA-ASP-78-008

Airport Capacity Investment Handbook
AD-A066 332 79-16 1E PCA08/MFA01

FAA-EM-77-004

Airport Facility Queuing Model
Validation, Interim Report
AD-A041 258 1E PCA03/MFA01

FAA-EM-78-009

Analysis of Runway Occupancy Times
at Major Airports
AD-A056 052 78-21 1E PCA04/MFA01

FAA-EM-77-015

Bibliography: Airports
AD-A049 879 1E PCA08/MFA01

FAA-EM-78-012

Airport Ground Access Study
AD-A058 944 79-01 1E PCA04/MFA01

FAA-EM-77-017

Airport Improvement Task Force
Delay Study: Delay Model
Validation Plan
AD-A048 112 1E PCA04/MFA01

FAA-EQ-78-015

Planning for the Airport and Its
Environs: The Sea-Tac Success Story
AD-A058 381 78-25 1E PCA06/MFA01

FAA-AVP-77-026

Report on Airport Capacity: Large
Hub Airports in the United States
AD-A041 435 1E PCA99/MFA01

AAF-220-78-001, Vol. 1

User Delay Cost Model and Facilities
Maintenance Cost Model for a
Terminal Control Area. Volume 1:
Model Formulation and Demonstration
AD-A059 007 79-01 1E PCA06/MFA01

FAA-AVP-77-030

Profiles of Scheduled Air Carrier
Passenger Traffic for Top 100 U.S.
Airports
AD-A061 165 79-06 1B PCA10/MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

AAF-220-78-001, Vol. 2

User Delay Cost Model and Facilities Maintenance Cost Model for a Terminal Control Area. Volume 2: User's Manual and Program Documentation for the User Delay Cost Model

AD-A058 984 79-01 1E PCA09/MFA01

AAF-220-78-001, Vol. 3

User Delay Cost Model and Facilities Maintenance Cost Model for a Terminal Control Area. Volume 3: User's Manual and Program Documentation for the Facilities Maintenance Cost Model

AD-A059 008 79-01 1E PCA03/MFA01

FAA-AF-79-001

Development and Test of Fiberglass Low-Impact Resistant Towers

AD-A077 160 80-05 1E PCA05/MFA01

FAA-EM-79-004

Airport Ground Access

AD-A068 974 79-20 1E PCA24/MFA01

FAA-EM-79-005

Airport Surface Traffic Control System Requirements Analysis

AD-A072 170 79-24 1E PCA07/MFA01

FAA-AVP-79-011

Airport and Airspace Delay Model Description

AD-A090 781 81-04 PCA06/MFA01

FAA-AVP-79-013

Summary of Airport-Air Carrier Agreements

AD-A091 652 81-06 PCA02/MFA01

FAA-EM-79-019

Potential Benefits of the Use of Separate Short Runways at Major Airports

AD-A081 594 80-13 PCA04/MFA01

FAA-RD-79-032

Infrared Runway Collision Avoidance System Analysis

AD-A078 131 80-07 1E PCA05/MFA01

FAA-RD-79-110

Inferred Climatology for U.S. Airports

AD-A080 487 80-11 MFA01

UNNUMBERED

Airport Activity Statistics of Certificated Route Air Carriers 12 Months Ended December 31, 1978

AD-A076 194 80-04 MFA01

FAA-EM-80-002

Collection of Calibration and Validation Data for an Airport Landside Dynamic Simulation Model

AD-A087 162 80-23 PCA07/MFA01

FAA-EM-80-004

Feasibility of a Separate Short Runway for Commuter and General Aviation Traffic at Denver

AD-A089 317 81-02 PCA03/MFA01

FAA-EM-80-008

Airport Landside Simulation Model. Magnetic Tape. \$540.00

AD-A119 454

FAA-EM-80-008, Vol. 1

Airport Landside. Volume 1: Planning Guide

AD-A117 599 82-24 PCA05/MFA01

FAA-EM-80-008, Vol. 2

Airport Landside. Volume 2: The Airport Landside Simulation Model (ALSIM)

AD-A117 600 82-24 PCA06/MFA01

FAA-EM-80-008, Vol. 3

Airport Landside. Volume 3: ALSIM Calibration and Validation

AD-A117 601 82-24 MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

- FAA-EM-80-008, Vol. 4
Airport Landside. Volume 4: Appendix A; ALSIM Auxiliary and Main Programs
AD-A117 602 82-24 PCA13/MFA01
- FAA-EM-80-008, Vol. 5
Airport Landside, Volume 5: Appendix B; ALSIM Subroutines
AD-A117 603 82-24 PCA14/MFA01
- FAA-EM-80-009
Airport Ground Access Planning Guide
AD-A092 018 81-07 PCA07/MFA01
- FAA-APO-80-010
Terminal Area Forecast: Fiscal Years 1981-1982
AD-A095 557 81-13 PCA18/MFA01
- FAA-RD-80-087
Preliminary Test Plans of ATC Concepts for Longer Term Improvement (Helicopter Operations Development Program)
AD-A089 PCA03/MFA01
- FAA-RD-80-107
Study of Heliport Airspace and Real Estate Requirements
AD-A091 156 81-05 PCA08/MFA01
- FAA-EM-81-001
Upgraded FAA Airfield Capacity Model
AD-A105 688 82-04 PCA11/MFA01
- FAA-EM-81-001, Vol. 1
Upgraded FAA Airfield Capacity Model Volume 1: Supplemental User's Guide
AD-A104 154 82-01 PCA06/MFA01
- FAA-EM-81-001, Vol. 2
Upgraded FAA Airfield Capacity Model Volume 2: Technical Description of Revisions
AD-A104 155 82-01 PCA08/MFA01
- FAA-APO-81-004
Minimum General Aviation Airport and Airway System Requirements
AD-A102 061 PCA03
- FAA-EM-81-005
An Analysis of Runway/Taxiway Transgressions at Controlled Airports
AD-A099 470 81-20 PCA05/MFA01
- FAA-EM-81-008
Requirements for Independent and Dependent Parallel Instrument Approaches at Reduced Runway Spacing
AD-A105 673 82-04 PCA09/MFA01
- UNNUMBERED
Airport Improvement Task Force Report
Lambert-St. Louis International Airport
AD-A103 842 82-01 PCA02/MFA01
- UNNUMBERED
A Study of Airport Design, Art and Architecture
AD-A099 852 81-20 PCA05/MFA01
- UNNUMBERED
Upgraded FAA Airfield Capacity Model
FAA Tape 202592 (\$540.00)
AD-A105 687
- DOT/FAA-EM-81-011
Transport Aircraft Cockpit Standardization (Federal Aviation Regulations Part 25)
AD-A108 924 PCA03/MFA01
- FAA-EM-81-012
Requirements for Instrument Approaches to Triple Parallel Runways
AD-A105 622 PCA07/MFA01
- FAA-APO-81-014
Airfield and Airspace Capacity/Delay Policy Analysis
AD-A110 777 82-12 PCA04/MFA01
- FAA-RD-81-016
High Speed Exit Taxiways
AD-A098 178 81-17 PCA03/MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

UNNUMBERED

The FAA Plans and Programs for the Future Airport and Air Traffic Control System
AD-A100 370 81-21 PCA09/MFA01

FAA-RD-81-017

Future ATC System Description ATC Facilities and Interfaces (1980-1990)
AD-A103 241 PCA20/MFA01

DOT/FAA-CT-81-030

Design and Implementation of Efficient Algorithms for Automatic Determination of Corrected Slant Range
AD-A112 248 PCA02/MFA01

FAA-RD-81-035

Development of a Heliport Classification Method and an Analysis of Heliport Real Estate and Airspace Requirements
AD-A102 521 81-24 PCA05/MFA01

FAA-RD-81-041

Detection Performance Evaluation of the ASDE-3 Using Fixed Frequency and Frequency-Agile Operation
AD-A099 513 PCA06/MFA01

FAA-ARP-82-001

Twelfth Annual Report of Operations Under the Airport and Airway Development Act
AD-A116 418 PCA05/MFA01

FAA-EM-82-003

Survey of 101 U.S. Airports for New Multiple Instrument Approach Concepts
AD-A107 812 82-07 PCA05/MFA01

DOT/FAA-EM-82-004

Requirements for Instrument Approaches to Converging Runways
AD-A108 075 82-07 PCA06/MFA01

FAA-EM-82-005

Overview of the O'Hare Runway Configuration Management System
AD-A110 137 82-11 PCA04/MFA01

UNNUMBERED

Airport Activity Statistics of Certificated Route Carriers, CY 1981
AD-A119 713 83-02 PCA15/MFA01

DOT/FAA-RD-82-010

Operational and Functional Requirements for the Navigation System in Terminal Areas
AD-A116 127 PCA04/MFA01

FAA-EM-82-015

Evaluation of Various Navigation System Concepts
AD-A112 758 PCA08/MFA01

DOT/FAA-EM-82-022

Preliminary Analysis of the Benefits and Costs to Implement the NAS Plan
AD-A117 664 PCA04/MFA01

FAA-EM-82-023, Vol. 1

Conflict Monitoring Analysis of Parallel Opposite Direction Routes
AD-A120 080 PCA04/MFA01

FAA-EM-82-023, Vol. 2

Conflict Monitoring Analysis of Parallel Opposite Direction Routes
AD-A120 187 PCA04/MFA01

UNNUMBERED

National Aviation System Development and Capital Needs for the Decade 1982-1991
AD-A122 164 PCA09/MFA01

FAA-APO-83-001

FAA Aviation Forecasts-Fiscal Years 1983-1994
AD-A124 611 PCA05/MFA01

AIRPORT PLANNING, CAPACITY, AND DESIGN CONCEPTS (con't)

| | | |
|-------------------|---|-------------|
| FAA-ARP-83-003 | DOT/FAA-PM-84-002 (Magnetic Tape) Airfield Delay Simulation Model (ADSIM) PB-84-171560 | PCA06/MFA01 |
| FAA-APO-83-005 | DOT/FAA-PM-84-002 (User's Guide) Airfield Delay Simulation Model (ADSIM) PB-84171552 | PCA06/MFA01 |
| FAA-APO-83-007 | DOT/FAA-PM-84-023 Structural Design Guidelines for Heliports AD-A148 967 | PCA06/MFA01 |
| DOT/FAA-ES-83-009 | National Airspace Review Implementation Plan AD-A145 379 | PCA04/MFA01 |
| FAA-APO-84-001 | National Airspace Review Interim Report AD-A147 768 | PCA06/MFA01 |
| DOT/FAA-AT-84-001 | Report on The Test of Dispersal of Turbojet Aircraft Departure Tracks at Washington National Airport. (1983-1984), Volume 1: Summary Report AD-A148 111 | PCA07/MFA01 |
| FAA-APO-83-005 | Introduction to the Airport Improvement Program AD-A144 556 | PCA02/MFA01 |
| FAA-APO-83-007 | FAA Aviation Forecasts Fiscal Years 1984-1995 AD-A138 759 | PCA05/MFA01 |
| DOT/FAA-AT-84-001 | National Airspace Review Benefits and Costs. Interim Report 1 AD-A144 235 | PCA04/MFA01 |

RUNWAY PAVEMENT DESIGN, CONSTRUCTION, AND SURFACE CONDITIONS

FAA-RD-73-169

Review of Soil Classification
 Systems Applicable to Airport
 Pavement Design
 AD-783 190 74-20 8M PCA06/MFA01

FAA-RD-73-197

Porous Friction Surface Course
 AD-A009 012 75-13 1E PCA06/MFA01

FAA-RD-73-198, Vol. 1

Comparative Performance of
 Structural Layers in Pavement
 Systems, Volume 1: Design,
 Construction, and Behavior under
 Traffic of Pavement Test Sections
 AD-785 024 74-23 13B PCA12/MFA01

FAA-RD-73-198, Vol. 2

Comparative Performance of
 Structural Layers in Pavement
 Systems, Volume 2: Analysis of
 Test Section Data and Presentation
 of Design and Construction Procedures
 AD-A052 154 78-13 1E PCA05/MFA01

FAA-RD-73-198, Vol. 3

Comparative Performance of
 Structural Layers in Pavement
 Systems, Volume 3: Design and
 Construction of MESL
 AD-A005 893 75-09 13B PCA03/MFA01

FAA-RD-73-198, Vol. 4

Comparative Performance of
 Structural Layers in Pavement
 Systems, Volume 4: Analysis of
 Insulating Layers in Pavement Test
 Sections
 AD-A038 116 1E PCA07/MFA01

FAA-RD-73-205, Vol. 1

Nondestructive Vibratory Testing of
 Airport Pavements, Volume 1:
 Experimental Test Results and
 Development of Evaluation
 Methodology and Procedure
 AD-A017 511 76-01 1E PCA10/MFA01

FAA-RD-73-205, Vol. 2

Nondestructive Vibratory Testing of
 Airport Pavements, Volume 2:
 Theoretical Study of the Dynamic
 Stiffness and Its Application to the
 Vibratory Nondestructive Method of
 Testing Pavements
 AD-A013 681 75-21 1E PCA06/MFA01

FAA-RD-73-206

Aircraft-Pavement Compatibility
 Study
 AD-A001 408 75-02 1E PCA11/MFA01

FAA-RD-74-012

Laboratory Method for Evaluating
 Effect of Runway Grooving on
 Aircraft Tires
 AD-780 614 74-17 1C PCA08/MFA01

FAA-RD-74-024

Study of Runway Deformation
 Contouring Using Holographic
 Techniques
 AD-A003 673 75-06 1E PCA07/MFA01

FAA-RD-74-030

Design of Civil Airfield Pavements
 for Seasonal Frost and Permafrost
 Conditions
 AD-A006 284 75-09 1E PCA05/MFA01

FAA-RD-74-031

Steel Fibrous Concrete for Airport
 Pavement Applications
 AD-A003 123 75-05 13C PCA10/MFA01

FAA-RD-74-033, Vol. 1

Continuously Reinforced Concrete
 Airfield Pavement, Volume 1: Tests
 on Existing Pavements and Synthesis
 of Design Methods
 AD-780 511 74-16 1E PCA10/MFA01

FAA-RD-74-033, Vol. 2

Continuously Reinforced Concrete
 Airfield Pavement, Volume 2: Design
 Manual for Continuously Reinforced
 Concrete Overlay Pavements
 AD-779 953 74-16 1E PCA05/MFA01

Appendix 1

RUNWAY PAVEMENT DESIGN, CONSTRUCTION, AND SURFACE CONDITIONS (con't)

FAA-RD-74-033, Vol. 3

Continuously Reinforced Concrete
Airfield Pavement, Volume 3:
Design Manual for Continuously
Reinforced Concrete Pavement
AD-780 512 74-16 1E PCA05/MFA01

FAA-RD-74-033, Vol. 4

Continuously Reinforced Concrete
Airfield Pavement, Volume 4: Guide
Specification
AD-780 513 74-16 1E PCA03/MFA01

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- FAA-RD-78-059
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- FAA-RD-78-154, Vol. 1
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- FAA-RD-78-154, Vol. 2
 Nondestructive Evaluation of Airport Pavements. Volume 2: Operations Manual for PAVBEN Program at TCC
 AD-A079 495 80-09 1E MFA01
- FAA-RD-78-154, Vol. 3
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 AD-A079 591 80-10 MFA01
- FAA-RD-79-004, Vol. 1
 Longitudinal Joint Systems in Slip-Formed Rigid Pavements. Volume 1: Literature Survey and Field Inspection
 AD-A066 320 79-16 13B PCA07/MFA01
- FAA-RD-79-004, Vol. 2
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 AD-A078 836 80-08 13B PCA09/MFA01
- FAA-RD-79-004, Vol. 3
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 AD-A078 850 80-08 13B PCA05/MFA01
- FAA-RD-79-004, Vol. 4
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- DOT/FAA-RD-79-004, Vol. 5
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- FAA-RD-79-011
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- FAA-RD-79-011, Addendum
 Shrinkage-Compensating Cement for Airport Pavement. Phase Three Fibrous Concretes
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- FAA-RD-79-028
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- FAA-RD-79-057
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|-----------------------|---|-------------------|-------------|-------------------|---|-------------------|-------------|
| FAA-RD-79-109 | Mathematical Model to Correlate Frost Heave of Pavements with Laboratory Predictions | AD-A084 093 80-18 | PCA04/MFA01 | FAA-RD-80-078 | The Braking Performance of an Aircraft Tire on Grooved Portland Cement Concrete | AD-A095 056 81-12 | PCA03/MFA01 |
| FAA-AAS-80-001 | National Runway Friction Measurement Program | AD-A097 334 | PCA06/MFA01 | FAA-RD-80-110 | Porous Portland Cement Concrete: The State of the Art | AD-A098 177 81-17 | PCA03/MFA01 |
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| FAA-RD-80-009, Vol. 2 | Nondestructive Testing for Light Aircraft Pavements; Phase II, Development of the Nondestructive Evaluation | AD-A099 593 81-20 | PCA07/MFA01 | FAA-RD-80-112 | Lime-stabilized Native Soil as a Base Course for Light Aircraft Pavement | AD-A102 196 81-24 | PCA07/MFA01 |
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| FAA-NA-80-024 | Evaluation of the Impact of Towing the L-1011 Airplane at Boston-Logan Airport | AD-A086 977 | PCA06/MFA01 | FAA-RD-81-005 | Recycling of Portland Cement Concrete Airport Pavements; A State-of-the-Art Study | AD-A101 482 81-23 | PCA03/MFA01 |
| FAA-RD-80-055, Vol. 1 | Procedure for Condition Survey of Civil Airports. Volume 1 | AD-A089 437 81-02 | PCA09/MFA01 | FAA-RD-81-025 | Design of Airport Pavements for Expansive Soils | AD-A104 660 82-02 | PCA09/MFA01 |
| FAA-RD-80-055, Vol. 2 | Airport Pavement Distress Identification Manual. (In: Procedure for Condition Survey of Civil Airports. Volume 2: Appendix B) | AD-A089 437 | PCA05/MFA01 | DOT/FAA-RD-81-048 | Investigation of Compaction Criteria for Airport Pavement Subgrade Soils | AD-A108 518 82-08 | PCA08/MFA01 |
| | | | | DOT/FAA-RD-81-078 | Economic Analysis of Airport Pavement Rehabilitation Alternatives - An Engineering Manual | AD-A112 550 82-15 | PCA05/MFA01 |

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| | | | |
|---|-------------|--|-------------|
| DOT/FAA-RD-81-091 Frost Susceptibility of Soil; Review of Index Tests AD-A111 752 82-14 | PCA06/MFA01 | DOT/FAA-PM-83-031 Rubber Removal from Porous Friction Course AD-A135 276 | PCA04/MFA01 |
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| DOT/FAA-PM-83-014 Non-Contact, Non-Destructive Airport Pavement Profile and Deflection Measurements AD-A128 674 | PCA09/MFA01 | DOT/FAA-PM-84-008 Modified Reflex-Percussive Grooves for Runways AD-A143 569 | PCA02/MFA01 |
| DOT/FAA-RD-83-022 Investigation of the FAA Overlay Design Procedures for Rigid Pavements AD-A135 317 | PCA08/MFA01 | DOT/FAA-PM-84-009, Vol. 1 Mechanistic Methodology for Airport Pavement Design with Engineering Fabrics. Vol. 1 AD-A147 199 | PCA08/MFA01 |
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Federal Aviation Administration -
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AD-A032 476 9C PCA03/MFA01

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A Study of Aircraft Towing as
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FAA-RD-77-084

Federal Aviation Administration -
Florida Institute of Technology
Workshop on Grounding and Lightning
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AD-A043 908 13L PCA22/MFA01

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FAA Lightning Protection Study:
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AD-A047 730 78-05 9C PCA06/MFA01

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A Review of Certificated Airport
Crash, Fire, Rescue Service Criteria
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Georgia Institute of Technology
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FAA-RD-79-006

Federal Aviation Administration -
 Florida Institute of Technology
 Workshop on Grounding and Lightning
 Technology Held at Melbourne, FLA.
 March 6-8, 1979
 AD-A065 410 79-14 9A PCA08/MFA01

FAA-RD-79-006, Suppl. 1A

Federal Aviation Administration -
 Florida Institute of Technology
 Workshop on Grounding and Lightning
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 AD-A090 726 81-04 PCA07/MFA01

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| | | | | | | |
|---------------------------|---|-------------------|-------------|--|-------------|-------------|
| FAA-CT-80-036 | Exhaust Emission Characteristics and Variability for Maintained General Electric CF6-50 Turbofan Engines | AD-A092 291 | PCA04/MFA01 | DOT/FAA-CT-81-069, Vol. 2 Dayton Aircraft Cabin Fire Model Version 3. Vol. 2: Program User's Guide and Appendices | AD-A118 390 | PCA10/MFA01 |
| FAA-RD-80-050 | Engine Inlet Anti-Icing System Evaluation Procedure | AD-A085 179 | PCA03/MFA01 | FAA-CT-81-070 Modeling of Ceiling Fire Spread and Thermal Radiation | AD-A107 590 | PCA06/MFA01 |
| FAA-RD-80-119 | The FAA Lightning Protection Modules Designed for Leadless Devices | AD-A091 642 | PCA03/MFA01 | DOT/FAA-RD-81-112 Study of the De-Icing Properties of the ASDE-3 Rotodome | AD-A115 445 | PCA07/MFA01 |
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| FAA-CT-81-011 | Wing Spillage Tests Using Antimisting Fuel | AD-A096 326 | PCA04/MFA01 | FAA-CT-81-181 Aircraft Research and Technology for Antimisting Kerosene Conference Feb. 18-19, 1981 | AD-A101 347 | PCA12/MFA01 |
| FAA-RD-81-022 | Grounding, Bonding, Shielding and Lightning; Bibliography 1972 to 1979 | AD-A098 539 81-18 | PCA08/MFA01 | DOT/FAA-CT-82-012 Commercial Aircraft Airframe Fuel Systems Survey | AD-A112 241 | PCA04/MFA01 |
| FAA-CT-81-035 | National Icing Facilities Requirements Investigation | AD-A102 520 | PCA08/MFA01 | DOT/FAA-CT-84-013 The Pyrolysis Toxic Gas Analysis of Aircraft Interior Materials | AD A146 285 | PCA04/MFA01 |
| FAA-CT-81-051 | Application of General Technology Applications, Incorporated Blending Process to Antimisting Fuel Additives | AD-A100 692 | PCA02/MFA01 | DOT/FAA-CT-82-018 Influence of Liquid Water and Water Vapor on Antimisting Kerosene | AD-A129 010 | PCA05/MFA01 |
| FAA-CT-81-058 | An Assessment of the Use of Antimisting Fuel in Turbofan Engines | AD-A104 673 | PCA08/MFA01 | DOT/FAA-CT-82-019 Antimisting Kerosene Atomization and Flammability | AD-A120 671 | PCA09/MFA01 |
| DOT/FAA-CT-81-069, Vol. 1 | Dayton Aircraft Cabin Fire Model Version 3. Vol. 1: Physical Description | AD-A117 905 | PCA04/MFA01 | DOT/FAA-CT-82-020 Frictional Characteristics and Heat Transfer of Antimisting Fuels in Tubes | AD-A121 476 | PCA04/MFA01 |

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| | | | |
|---|-------------|--|-------------|
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| DOT/FAA-CT-82-033, Vol. 2 Computer Simulation of an Aircraft Seat and Occupant in a Crash Environment - Volume 2: Program Som-La User Manual AD-A127 286 | PCAI1/MFA01 | DOT/FAA-CT-82-093 Degradation and Characterization of Antimisting Kerosene(AMK) AD-A126 338 | PCA05/MFA01 |
| DOT/FAA-CT-82-036, Vol. 1 A Combined Hazard Index Fire Test Methodology for Aircraft Cabin Materials AD-A117 448 | PCA08/MFA01 | DOT/FAA-CT-82-109 Equivalency Evaluation of Firefight- ing Agents and Minimum Requirements at U.S. Air Force Airfields AD-A126 443 | PCA07/MFA01 |
| DOT/FAA-CT-82-036, Vol. 2 A Combined Hazard Index Fire Test Methodology for Aircraft Cabin Materials AD-A117 449 | PCA10/MFA01 | DOT/FAA-CT-82-110 Engine Performance Comparison Associated with Carburetor Icing During Aviation Grade Fuel and Automotive Grade Fuel Operation AD-A133 373 | PCA06/MFA01 |
| DOT/FAA-CT-82-044 Light Aircraft Piston Engine Carburetor Ice Director/Warning Device Sensitivity/Effectiveness AD-A117 745 | PCA05/MFA01 | DOT/FAA-CT-82-111 In-Flight Aircraft Seat Fire Extinguishing Tests (Cabin Hazard Measurements) AD-A124 539 | PCA03/MFA01 |
| DOT/FAA-CT-82-055 Examination of Aircraft Interior Emergency Lighting In a Postcrash Fire Environment AD-A117 629 | PCA04/MFA01 | DOT/FAA-CT-82-116 Compatibility Study of Antimisting Kerosene and the DC/KC-10 Fuel System AD-A128 837 | PCA06/MFA01 |
| DOT/FAA-CT-82-070 Transport Aircraft Accident Dynamics AD-A140 193 | PCA09/MFA01 | DOT/FAA-CT-82-117 Effect of Volatility on Air-Fuel Ratio Distribution and Torque Output of a Carbureted Light Aircraft AD-A128 658 | PCA03/MFA01 |

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| | | | |
|---|-------------|---|-------------|
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- FAA-RD-73-187, Vol. 1
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- FAA-RD-79-021, Vol. 1
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- FAA-RD-79-021, Vol. 2
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| FAA-RD-80-090 | The Susceptibility of Representative Tacan and DME Equipments to a Proposed, MLS L-Band Precision DME Signal Format AD-A096 265 | PCA08/MFA01 | FAA-CT-81-050, Vol. 2 MLS Performance Assessment. Task 4. Volume 2: Literature Search Abstracts AD-A105 514 | PCA08/MFA01 |
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| DOT/FAA-PM-81-110 | Preliminary Analysis of LORAN-C System Reliability for Civil Aviation (Microfiche Only) AD-A146 656 | MFA01 | DOT/FAA-RD-81-095 In-Service Testing of the Precision Approach Path Indicator (PAPI) at Newark Int'l Airport, N.J. AD-A112 663 | PCA03/MFA01 |
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AD-A119 743 PCA07/MFA01

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AD-759 214 4B PCA04/MFA01

FAA-RD-73-033

Field Evaluation of an Electrogas-Dynamic
Fog Dispersal Concept
AD-763 550 4B PCA07/MFA01

FAA-RD-73-130

Fog Simulator System Modification
AD-766 939 1B PCA04/MFA01

FAA-RD-73-176

Characteristics of Fog Produced in
the FAA-U.C. Fog Chamber
AD-773 418 4B PCA05/MFA01

FAA-RD-74-001

Warm Fog Dispersal Tests with
Glycerine at Greenbrier Valley
Airport, Lewisburg, West Virginia
AD-776 135 4B PCA03/MFA01

FAA-RD-75-126

Ground-Based Warm Fog Dispersal
Systems - Technique Selection and
Feasibility Determination with
Cost Estimates
AD-A028 093 1E PCA05/MFA01

AIRPORT ENVIRONMENTAL CONCERNS

FAA-RD-71-071

Migration Corridors of Waterfowl
in the United States
AD-736 628 72-06 6C PCA02/MFA01

FAA-EQ-72-001

Land Use Control Strategies for
Airport Impacted Areas
AD-759 865 73-13 13B PCA09/MFA01

FAA-RD-72-145

The Effects of Local Meteorological
Factors upon Aircraft Noise
Measurements
AD-754 270 73-05 20A PCA03/MFA01

FAA-EQ-73-002

Comparison of Mobile Source
Emission from Aircraft, Automobiles,
Buses, Trucks, Railroads, and
Electric Trains (Project Eagle)
AD-758 587 73-11 13B PCA04/MFA01

FAA-RD-73-113

Airport Vicinity Air Pollution
Study
AD-780 049 74-16 13B PCA13/MFA01

FAA-RD-74-072

The Effect of Short-Term Weather
Conditions on the Migration of
Waterfowl
AD-786 044 74-24 6C PCA03/MFA01

FAA-RD-74-114

Aircraft Taxiing Noise Measurements
AD-787 235 74-26 1C PCA07/MFA01

FAA-RD-74-132

Airport Vicinity Air Pollution
Study, Model Application and
Validation and Air Quality Impact
Analysis at Washington National
Airport
AD-A001 564 75-02 13B PCA09/MFA01

FAA-RD-74-212

Airport Vicinity Air Pollution Study
The Impact of Modified Aircraft Taxi
Procedures on Airport Air Quality
AD-A009 882 75-14 13B PCA08/MFA01

FAA-AS-75-001

Developing Noise Exposure Contours
for General Aviation Airports
AD-A023 429 PCA10/MFA01

FAA-RD-75-100

Effect of Temperature and Humidity
on Aircraft Noise Propagation
AD-A014 644 75-23 20A PCA06/MFA01

FAA-RD-75-118

Analysis of the Effect of Concorde
Aircraft Noise on Historic
Structures
AD-A017 082 76-01 20A PCA05/MFA01

FAA-RD-75-179

Air Quality Impact Analysis of a
Proposed North/South Runway at
Anchorage International Airport
AD-A020 169 76-07 13B PCA05/MFA01

FAA-RD-75-182

Review of Studies Investigating
Human Response to Commercial
Aircraft Noise
AD-A022 356 76-10 6S PCA08/MFA01

FAA-RD-75-211

Establishing Noise Criteria for
Residential Living in Areas
Surrounding Commercial Aviation
Airports
AD-A021 683 76-09 20A PCA04/MFA01

FAA-RD-75-216

Airport Noise Monitoring Systems
AD-A028 511 76-22 1E PCA13/MFA01

FAA-RD-75-230

Airport Vicinity Air Pollution
Model User Guide
AD-A020 352 76-07 13B PCA12/MFA01

FAA-DF-76-001

Airport Vicinity Air Pollution Model
Computer Source Code
AD-A031 027 76-26 13B CPT06

AIRPORT ENVIRONMENTAL CONCERNS (con't)

FAA-RD-76-001

Human Response to Sound: The Calculation of Perceived Level, P1dB (Noisiness or Loudness) Directly from Physical Measures
AD-A035 677 5J PCA03/MFA01

FAA-EQ-76-002

FAA Integrated Noise Model User's Guide
AD-A035 062 20A PCA06/MFA01

FAA-EQ-76-006

FAA Integrated Noise Model Data Base
AD-A036 723 1C PCA06/MFA01

FAA-AP-77-001

Environmental Assessment of Airport Development Actions
AD-A039 274 1E PCA16/MFA01

FAA-AP-77-001A

Environmental Assessment of Airport Development Actions, Appendix Volume 2
AD-A039 465 1E PCA15/MFA01

FAA-AEQ-77-009

Study of Soundproofing Public Buildings near Airports
AD-A069 702 79-21 1E PCA12/MFA01

FAA-AEQ-77-014

Concorde Air Quality Monitoring and Analysis Program at Dulles International Airport. Volume 1
AD-A056 644 78-21 13B PCA08/MFA01

FAA-AEQ-77-014A

Concorde Air Quality Monitoring and Analysis Program at Dulles International Airport. Volume 2: Appendices
AD-A056 506 78-21 13B PCA08/MFA01

FAA-AVP-77-040

Environmental Impacts of Airport Policy Alternatives
AD-A088 158 80-26 MFA01

FAA-RD-77-167

Atmospheric-Absorption Adjustment Procedure for Aircraft Flyover Noise Measurements
AD-A051 700 PCA05

FAA-RD-77-178, Vol. 1

Development of Criteria for Monitoring of Airport Ground Pollution. Volume 1: Study
AD-A067 242 79-17 13B PCA19/MFA01

FAA-RD-77-178, Vol. 2

Development of Criteria for Monitoring of Airport Ground Pollution. Volume 2: Data Validation Procedures
AD-A067 243 79-17 13B PCA15/MFA01

FAA-EQ-78-001

FAA Integrated Noise Model--Version 1 Basic Users Guide
AD-A052 790 78-14 20A PCA06/MFA01

FAA-AAP-78-002, Vol. 1

Environmental Impact Statement for Bicentennial International Airport Northeast, America, Model Environmental Impact Statement Number 1
AD-A049 171 13B PCA16/MFA01

FAA-AAP-78-002, Vol. 2

Environmental Impact Statement for Freedom Airport, Southeast, America (Model Environmental Impact Statement Number 2)
AD-A049 300 13B PCA12/MFA01

FAA-AAP-78-002, Vol. 3

Environmental Impact Statement for Independence Airport Southwest, America, Model Environmental Impact Statement Number 3
AD-A049 172 13B PCA09/MFA01

FAA-AAP-78-002, Vol. 4

Negative Declaration Section 16(c)(4) Coordination for Liberty Airport, Northwest, America (Model Environmental Impact Statement Number 4)
AD-A049 299 13B PCA05/MFA01

AIRPORT ENVIRONMENTAL CONCERNS (con't)

FAA-EQ-78-011

Aviation Noise Abatement Policy
 AD-A056 640 78-21 1E PCA04/MFA01

FAA-EQ-78-012

Impact of Noise on People
 AD-A056 752 78-22 13B PCA03/MFA01

FAA-EQ-78-014

The Feasibility, Practicality, and
 Cost of Soundproofing of Schools,
 Hospitals, and Public Health
 Facilities Located near Airports
 AD-A056 529 78-21 13M PCA03/MFA01

FAA-EQ-78-015

Planning for the Airport and Its
 Environs: The Sea-Tac Success
 Story
 AD-A058 381 78-25 1E PCA06/MFA01

FAA-EQ-78-017

Calculations of Maximum A-Weighted
 Sound Levels (dBA) Resulting from
 Civil Aircraft Operations
 AD-A056 693 78-22 1E PCA04/MFA01

FAA-RD-78-036

Commercial Airport Operations and
 Community Noise Criteria
 AD-A057 451 78-23 1E PCA05/MFA01

FAA-RD-78-082

Critical Assessment of Emissions from
 Aircraft Piston Engines
 AD-A071 002 79-23 21G PCA08/MFA01

FAA-RD-78-111

Airport Vicinity Air Pollution Model
 Abbreviated Version User's Guide
 AD-A061 854 79-07 1E PCA06/MFA01

FAA-NA-78-166

Critical Assessment of Emissions from
 Aircraft Piston Engines
 AD-A071 002 79-23 21G PCA08/MFA01

FAA-AEE-79-001, Vol. 1

Environmental Data Bank. Volume 1:
 User's Manual
 AD-A068 171 79-19 1E PCA03/MFA01

FAA-AEE-79-001, Vol. 2

Environmental Data Bank. Volume 2:
 Systems Manual
 AD-A068 172 79-19 1E PCA04/MFA01

FAA-AEE-79-001, Vol. 3

Environmental Data Bank. Volume 3:
 Airport Environmental Data Manual
 AD-A068 836 79-20 1E MFA01

FAA-AEE-79-001, Vol. 4

Environmental Data Bank. Volume 4:
 Supplemental Information Manual
 AD-A068 173 79-19 1E PCA22/MFA01

FAA-AEE-79-002

International Environmental Data Bank
 AD-A068 174 79-19 1E PCA07/MFA01

FAA-AEE-79-003

Noise Levels and Flight Profiles of
 Eight Helicopters Using Proposed
 International Certification
 Procedures
 AD-A074 532 80-02 1C PCA13/MFA01

FAA-EE-79-006

Community Involvement Manual
 AD-A081 465 80-13 PCA06/MFA01

FAA-AEE-79-008, Vol. 1

Noise Abatement Economic Policy
 Analysis Model (NAEPAM)
 AD-A081 190 80-12 1C MFA01

FAA-AEE-79-008, Vol. 2

User's Guide to the Noise Abatement
 Economic Policy Analysis Model
 (NAEPAM)
 AD-A081 159 80-12 1C MFA01

FAA-EE-79-009

INM, Integrated Noise Model,
 Version 2 - User's Guide
 AD-A079 493 80-09 MFA01

FAA-EE-79-010

INM, Integrated Noise Model,
 Version 2 - Programmer's Guide
 AD-A079 622 80-10 MFA01

AIRPORT ENVIRONMENTAL CONCERNS (con't)

FAA-RD-79-017

Ground Run-up Noise Control
Facilities for Civil Aircraft - A
Survey
AD-A075 348 80-03 1C MFA01

FAA-EE-79-022

Cost and Benefits of Requiring New
Production of Older Aircraft Types to
Meet Amended Noise Standards
AD-A080 130 80-11 PCA04/MFA01

FAA-RD-79-058

An Investigation into the Noise
Interference Problems at Logan
Airport, Boston
AD-A072 057 79-24 17B MFA01

FAA-RD-79-107

V/STOL Rotary Propulsor Noise
Prediction Model Update and
Evaluation
AD-A082 616 80-15 PCA11/MFA01

FAA-EE-80-002

Cost/Benefit Tradeoffs Available in
Aircraft Noise Technology
Applications in the 1980's
AD-A082 028 80-14 PCA08/MFA01

FAA-EE-80-004

FAA Integrated Noise Model
Validation. Phase I: Analysis of
Integrated Noise Model Calculations
for Air Carrier Flyovers
AD-A081 426 80-13 PCA06/MFA01

FAA-EE-80-009A

Impact of Aircraft Emissions on Air
Quality in the Vicinity of Airports.
Volume 1: Recent Airport Measurement
Programs, Data and Sub-model
Development
AD-A089 962 81-03 PCA08/MFA01

FAA-EE-80-009B

Impact of Aircraft Emissions on Air
Quality in the Vicinity of Airports.
Volume 2: An Updated Model Assessment
of Generated Air Pollution at LAX,
JFK, and ORD
AD-A091 005 81-05 PCA05/MFA01

FAA-EE-80-019

Noise Abatement Technology Options
for Conventional Turboprop Airplanes
AD-A101 828 81-23 PCA06/MFA01

FAA-EE-80-026

Noise Levels and Data Correction
Analysis for Seven General Aviation
Propeller Aircraft
AD-A091 292 81-05 PCA17/MFA01

FAA-EE-80-037

A Guidance Document on Airport Noise
Control
AD-A092 228 81-07 PCA08/MFA01

FAA-EE-80-040

The Need for Airport Noise Monitoring
Systems, Their Uses, and Value in
Promoting Civil Aviation
AD-A092 240 81-07 PCA03/MFA01

FAA-EE-80-041

Helicopter Noise Contour Development
Techniques and Directivity Analysis
AD-A093 426 81-09 PCA03/MFA01

FAA-EE-80-049

Analysis of Data Processing Errors
Inherent in Part 36 of the Federal
Regulations (FAR) Aircraft Noise
Certification
AD-A122 834 PCA03/MFA01

FAA-EE-80-050

Integrated Noise Model, Version 2:
Installation Instructions
AD-A095 060 81-12 PCA04/MFA01

AIRPORT ENVIRONMENTAL CONCERNS (con't)

FAA-RD-80-122

The Influence of Mixture Distribution on Emissions from an Aircraft Piston Engine
AD-A139 475

PCA04/MFA01

FAA-EE-81-004

Comprehensive Bibliography literature on Helicopter Noise Technology
AD-A103 331

PCA06/MFA01

FAA-EE-81-008

Simplex A: A Simplified Atmospheric Dispersion Model for Airport Use
(User's Guide)

AD-A107 320 82-06

PCA02/MFA01

FAA-EE-81-010

Impact of Prediction Accuracy Noise Technology Applications in Helicopters

AD-A101 768 81-23

PCA03/MFA01

FAA-EE-81-013

Helicopter Noise Analysis Round-Robin Test
AD-A103 724 82-01

PCA05/MFA01

FAA-EE-81-016

Helicopter Noise Definition Report:
UH60A, S-76, A-109, 206-1 (Microfiche only)
AD-A116 363 82-18

MFA01

FAA-EE-81-017

INM, Integrated Noise Model,
Version 3: User's Guide
AD-A122 227 83-08

PCA09/MFA01

FAA-EE-81-018

INM, Integrated Noise Model,
Version 3: Installation Instructions
AD-A122 199 83-08

PCA04/MFA01

FAA-EE-82-002

Effects of Filter Response on Analysis of Aircraft Noise Data
AD-A116 458 82-22

PCA05/MFA01

FAA-EE-82-003

Executive Summary of Systems Analysis to Develop Future Civil Aircraft Noise Reduction Alternatives
AD-A116 467 82-22

PCA04/MFA01

FAA-EE-82-006

Cruise Aircraft Effects, 1981 Status
AD-A139 407

PCA04/MFA01

FAA-EE-82-008

Aircraft Energy Conservation During Airport Ground Operations
AD-A116 138

PCA15/MFA01

FAA-EE-82-009

FAA High Altitude Pollution Program-Third Biennial Report Prepared in Accordance with the Stratospheric Ozone Protection Provision, Section 153(g), of the Clean Air Act Amendments of 1977
AD-A114 906

PCA03/MFA01

FAA-EE-82-010

A Comparison of FAA Integrated Noise Model Flight Profiles Observed at Seattle-Tacoma Airport
AD-A114 136 82-18

PCA04/MFA01

FAA-EE-82-011, Vol. 1

Study of Noise-Certification Standards for Aircraft Engines.
Volume 1: Noise-Control Technology for Turbofan Engines
AD-A133 386

PCA04/MFA01

FAA-EE-82-011, Vol. 2

Study of Noise-Certification Standards for Aircraft Engines.
Volume 2: Procedures for Measuring FAR Field Sound Pressure Levels Around an Outdoor Jet-Engine Test Stand
AD-A133 408

PCA05/MFA01

AIRPORT ENVIRONMENTAL CONCERNS (con't)

- FAA-EE-82-011, Vol. 3
Study of Noise-Certification Standards for Aircraft Engines.
Volume 3: Selection & Evaluation of Engine-Noise-Certification Concept
AD-A137 805 PCA04/MFA01
- FAA-EE-82-014
Evaluation of Noise Control Technology and Alternative Noise Certification Procedures for Propeller Driven Small Airplanes
AD-A116 495 82-22 PCA10/MFA01
- DOT/FAA-EE-82-016
Helicopter Noise Exposure Curves for Use in Environmental Impact Assessment
AD-A123 467 83-10 PCA08/MFA01
- FAA-EE-82-019
FAA Integrated Noise Model Validation: Analysis of Air Carrier Flyovers at Seattle Tocoma Airport
AD-A124 097 PCA04/MFA01
- FAA-EE-82-020
A Survey of Helicopter and Ambient Urban Noise Levels in Phoenix, Arizona
AD-A123 856 PCA03/MFA01
- FAA-EE-82-021
Air Quality Procedures for Civilian Airports and Air Force Bases
AD-A123 890 PCA07/MFA01
- DOT/FAA-EM-82-029
The Impact of Petroleum, Synthetic and Cryogenic Fuels on Civil Aviation
AD-A122 825 PCA10/MFA01
- FAA-EE-83-001
Noise Levels and Data Analyses for Small Prop-Driven Aircraft
AD-A134 598 PCA09/MFA01
- FAA-EE-83-002
Helicopter Noise Survey at Selected New York City Heliports
AD-A129 167 PCA05/MFA01
- FAA-EE-83-003
Airport Noise Control Strategies
AD-A133 137 PCA05/MFA01
- FAA-EE-83-005
Helicopter Noise Survey Performed at Parker Center, Pasadena and Anaheim, California on February 10-14, 1983
AD-A130 962 PCA03/MFA01
- FAA-EE-83-006
Helicopter Noise Survey Conducted at Norwood, Massachusetts on April 27, 1983
AD-A131 053 PCA03/MFA01
- FAA-EE-83-008
Annual Report of Lawrence Livermore National Laboratory to the FAA on the High Altitude Pollution Program-1980
AD-A134 521 PCA05/MFA01
- FAA-EE-83-010
U.S. Energy: Aviation Perspective
AD-A137 766 PCA09/MFA01
- FAA-EE-84-001
Noise Measurement Flight Test for the Bell 222 Twin Jet Helicopter: Data & Analysis
AD-A139 906 PCA11/MFA01
- FAA-EE-84-002
Noise Measurement Flight Test for Aerospatiale SA 365 Dauphin Twin Jet Helicopter: Data & Analysis
AD-A143 229 PCA09/MFA01
- FAA-EE-84-003
Noise Measurement Flight Test for Hughes 500D/E: Data & Analyses
AD-A148 110 PCA09/MFA01

AIRPORT ENVIRONMENTAL CONCERNS (con't)

FAA-EE-84-008

Area Equivalent Method on Visicalc
AD-A141 430 PCA03/MFA01

FAA-EE-84-009

A Comparison of Measured Take-off
and Flyover Sound Levels for
Several General Aviation Propeller-
Driven Aircraft
AD-A139 901 PCA07/MFA01

FAA-EE-84-004

Nosie Measurement Flight Test for
Aerospatiale As 355F Twin Star
Helicopter: Data/Analysis
AD-A147 497 PCA09/MFA01

FAA-EE-84-007

Noise Measurement Flight Test for
Boeing Vertol 234/CH47-D Helicopter:
Data Analyses
AD-A148 172 PCA09/MFA01

FAA-EE-84-010

The High Altitude Pollution Program.
1/84 Final Report
AD-A144 390 PCA07/MFA01

FAA-EE-84-011

Two-Dimensional Description of
Potential Perturbations to the Ozone
Layer Due to NO_x and H₂O Aircraft
Emissions
AD-A146 292 PCA07/MFA01

FAA-EE-84-012

Area Equivalent Method on LOTUS 1-2-3
AD-A145 933 PCA03/MFA01

FAA-EE-84-013

Impact of Aircraft Emissions on Air
Quality in the Vicinity of Airports.
Volume 3: Air Quality and Emission
Modeling Needs
AD-A147 951 PCA06/MFA01

FAA-EE-84-014

Impact of Aircraft Emissions on Air
Quality in the Vicinity of Airports.
Volume 4: Nitrogen Dioxide and
Hydrocarbons
AD-A148 253 PCA09/MFA01

FAA-EE-84-015

Helicopter Noise Survey Performed at
Las Vegas, Nevada
AD-A147 392 PCA03/MFA01

AIRPORT POLICY STUDIES

FAA-AV-71-005

An Application of Dynamic Programming to Capital Investment Decision Analysis
AD-745 641 72-17 12B PCA06/MFA01

FAA-AV-72-002

Community Values in the Planning and Evaluation of Airport Development Projects
AD-747 914 72-20 13B PCA07/MFA01

FAA-AAV-73-003

Alternatives to the Airport Development Aid Program
AD-A001 348 75-02 1E PCA03/MFA01

FAA-AAV-73-004

ADAP Aid to Private Airports: A Preliminary Assessment and Related Questions for Research
AD-A001 349 75-02 1E PCA03/MFA01

FAA-AAV-73-005

Airport Opposition: Examination and Program Development
AD-A001 350 75-02 1E PCA02/MFA01

FAA-APP-74-001

The Airport Passenger Head Tax Analysis of its Potential Impact
AD-A004 308 75-07 1E PCA09/MFA01

FAA-ASP-77-003

Establishment of New Major Public Airports in the United States
AD-A046 462 1E PCA07/MFA01

FAA-APP-77-005

Airport Quotas and Peak Hour Pricing: Theory and Practice
AD-A036 773 1E PCA05/MFA01

FAA-APP-77-006

Satellite Airports: Analysis of Development Potential
AD-A036 893 1E PCA08/MFA01

FAA-ASP-77-007

Airport Land Banking
AD-A046 475 1E PCA04/MFA01

FAA-APP-77-012

Airport Quotas and Peak Hour Pricing: Analysis of Airport Network Impacts
AD-A037 080 1E PCA08/MFA01

FAA-APP-77-036

Metropolitan Washington Airport Policy Analysis
AD-A052 349 78-14 1E PCA05/MFA01

FAA-APP-77-038

Metropolitan Washington Airport
AD-A088 203 80-26 PCA05/MFA01

UNNUMBERED

Metropolitan Washington Airports Policy; Supplement to the August 1980 Environmental Impact Statement
AD-A106 484 82-05 PCA06/MFA01

FAA-APP-80-003, Vol. 1

The Allocation of Runway Slots by Auction. Volume 1: Executive Summary
AD-A085 739 80-20 PCA03/MFA01

FAA-APP-80-003, Vol. 2

Volume 2: The Airline Management Game and Slot Auction Testing
AD-A085 438 80-20 MFA01

FAA-APP-80-003, Vol. 3

Volume 3: Theory and Technical Issues for Implementation
AD-A085 455 80-20 PCA05/MFA01

FAA-APP-80-006

Regulatory Analysis: Allocation of IFR Reservations at Washington National Airport
AD-A091 651 PCA05/MFA01

FAA-APP-80-013

A Slot Allocation Model for High-Density Airports
AD-A098 097 81-17 PCA09/MFA01

FAA-APP-81-001

Eleventh Annual Report of Operations Under the Airport and Airway Development Act
AD-A100 704 PCA06/MFA01

2/11/85

AC 150/5000-4B
Appendix 1

AIRPORT POLICY STUDIES (con't)

FAA-APO-81-012

Final Regulatory Evaluation:
Metropolitan Washington Airports
Policy
AD-A110 583 82-12 PCA09/MFA01

NAS-MD-792

National Airspace System Configuration Management Document. Operational Requirements for the Remote Maintenance Monitoring System (RMMS)
AD A144 218 PCA02/MFA01

APPENDIX 2. NTIS PUBLISHED SEARCHES

The following is a subject listing of selected NTIS Published Searches involving airport or airport-related categories. An example is provided footnoting each section of the entry. When available, consult a NTIS Published Search Catalog in lieu of this partial listing.

Aircraft and Spacecraft Fire, Detection and Fire Fighting 1/
Jun 74-Nov 82 2/ (67) 3/
(IAA) 4/ PB83-854430/CAC 5/

- 1/ Published Search Title
- 2/ Period of Coverage
- 3/ Number of Abstracts in this Search
- 4/ Data Bank Code*
- 5/ NTIS Order Number

* To expand the number of Published Searches, NTIS now offers subject searches from other data bases. A listing follows of those used in Appendix 2.

1. Ei: Engineering Information Inc.
2. FTA: Fire Technology Abstracts
3. IAA: International Aerospace Abstracts
4. INSPEC: Information Services for the Physics and Engineering Communities
5. ISMEC: Information Service in Mechanical Engineering

Published Searches

Aircraft Air Pollution

Aircraft Air Pollution 1974-July 1977
(227)

Includes studies concerning pollution
from supersonic aircraft and aircraft
ground operations
(NTIS) NTIS/PS-77/0570

Aircraft Air Pollution 1964-1973 (127)
Includes Studies Concerning Pollution
from Supersonic Aircraft and Aircraft
Ground Operations
(NTIS) NTIS/PS-76/0528/OCAC

Aircraft Air Pollution 1974-1976 (190)
Includes Studies Concerning Pollution
from Supersonic Aircraft and Aircraft
Ground Operations
(NTIS) NTIS/PS-78/0622/7CAC

Aircraft Air Pollution 1977-Jun 80
(209) Includes Studies Concerning
Pollution from Supersonic Aircraft and
Aircraft Ground Operations
(NTIS) PB82-801580/CAC

Aircraft Air Pollution Jul 80-Oct 81
(52) Includes Studies Concerning
Pollution from Supersonic Aircraft and
Aircraft Ground Operations
(NTIS) PB82-801598/CAC

Aircraft Fuel Conservation 1974-Jul 80
(187)
(IAA) PB80-813579/CAC

Aircraft Fires

Aircraft and Spacecraft Fire Detection
and Fire Fighting Jun 74-Nov 82 (67)
(IAA) PB83-854430/CAC

Aircraft Fire Extinguishment and Fire
Resistant Materials Jan 74-Jun 79(111)
(FTA) PB81-850364/CAC

Fire Extinguishing Agents 1970-Mar 83
(152)
(Ei) PB83-805499/CAC

Fire Extinguishing Agents 1964-Mar 83
(271)
(NTIS) PB83-805432/CAC

Fire Fighting 1970-Jul 80 (175) Covers
Building, Shipboard, Aircraft, and
Forest Firefighting Techniques and
Equipment
(Ei) PB80-815160/CAC

Fire Fighting 1964-Mar 83 (333)
Covers Building, Shipboard, Aircraft,
and Forest Firefighting Techniques
and Equipment
(NTIS) PB83-805358/CAC

Aircraft Noise Pollution

Airport Noise 1964-Jan 83 (366)
(NTIS) PB83-803387/CAC

Airport Noise Aug 1977 (219)
(NTIS) NTIS/PS-77/0704

Aircraft Gas Turbine Engines: Noise
Reduction and Vibration Control
1973-1982 (235)
(ISMEC) PB83-854521/CAC

Aircraft Sonic Boom: Aircraft Flight,
Aircraft Design, and Measurement 1964-
May 82 (218)
(NTIS) PB82-809948/CAC

Aircraft Sonic Boom: Biological
Effects 1964-Sep 82 (88)
(NTIS) PB83-880664/CAC

Maneuvering Aircraft: Noise Pollution
and Control Sep 1976 (220)
Covers Takeoff, Landing, and Flyby
Noise Excluding Sonic Boom
(NTIS) NTIS/PS-76/0733

Maneuvering Aircraft: Noise Pollution
and Control 1964-1975 (181) Covers
Takeoff, Landing, and Flyby Noise
Excluding Sonic Boom
(NTIS) NTIS/PS-78/0929/6CAC

Published Searches(con't)

Maneuvering Aircraft: Noise Pollution and Control 1976-1981 (206) Covers Takeoff, Landing, and Flyby Noise Excluding Sonic Boom
(NTIS) PB82-803925/CAC

Noise Control and Abatement: Transportation Systems and Heavy Industry Jan 73-Sep 81 (147)
(ISMEC) PB81-881708/CAC

Noise Control for Aircraft 1975-Sep 83 (280)
(INSPEC) PB83-872465/CAC

Aircraft Sonic Boom: Effects on Buildings 1964-Mar 81 (76)
(NTIS) PB81-805673/CAC

Airfields Pavement Evaluation 1964-1970 (159)
(NTIS) NTIS/PS-76/0578/5CAC

Airfield Pavement Evaluation 1971-1972 (123)
(NTIS) NTIS/PS-76/0579/3CAC

Airfield Pavement Evaluation 1973-Jun 75 (111)
(NTIS) NTIS/PS-76/0580/1CAC

Airfield Pavement Evaluation Jul 75-Sep 81 (214)
(NTIS) PB82-801143/CAC

Airport Runways 1970-Aug 83 (351)
(Ei) PB83-870048/CAC

Aircraft Wakes

Aircraft Wake Vortices 1964-Apr 82 (316)
(NTIS) PB82-809112/CAC

Airport Matters

Transportation for the Elderly or Physically Handicapped aug 1977 (147)
(NTIS) NTIS/PS-77/0713

Preparation and Evaluation of Environmental Impact Statements 1970-Nov 76 (80)
(NTIS) NTIS/PS-76/0898

Airport Development: Social and Economic Effects Jun 1977 (40)
(NTIS) NTIS/PS-77/0441

Airport Development: Social and Economic Effects 1968-Feb 83 (166)
(NTIS) PB83-804880/CAC

Offshore Structures Aug 1977 (189)
Excludes Offshore Drilling Platforms
(NTIS) NTIS/PS-77/0716

Offshore Structures 1964-Jun 80 (355)
Excludes Offshore Drilling Platforms and Addresses Floating Cities, Airports, and Power Plants
(NTIS) PB82-802265/CAC

Airfield Pavement Evaluation, Vol. 2. 1971-1972 (123), July 1976
(NTIS) NTIS/PS-76/0579

Airfield Pavement Evaluation, Vol. 3. 1973-June 1975 (111), July 1976
(NTIS) NTIS/PS-76/0580

Airfield Pavement Evaluation, Vol. 4. July 1975-July 1977 (169), August 1977
(NTIS) NTIS/PS-77/0662

Nondestructive Testing of Pavements and Pavement Bases Feb 1977 (97)
(NTIS) NTIS/PS-77/0051

Published Searches(con't)

Offshore Structures Jul 80-Jan 83(217)
Excludes Offshore Drilling Platforms
and Addresses Floating Cities, Airports,
and Power Plants
(NTIS) PB83-803262/CAC

Multiplexing In Aircraft 1975-Jul 82
(48)
(INSPEC) PB82-869736/CAC

Multiplexing In Aircraft 1970-Aug 83
(151)
(NTIS) PB-83/871459/CAC

Terrain-Following and Forward-Looking
Radars 1972-1982 (166)
(NTIS) PB83-855965/CAC

Antennas

Aircraft Antennas Jun 74-Sep 83 (340)
(IAA) PB83-873232/CAC

Aircraft Antennas 1975-Jan 83 (172)
(INSPEC) PB83-859553/CAC

Aircraft Antennas Jan 74-Jan 83 (328)
(NTIS) PB83-859025/CAC

Microwave Antennas: Design 1972-Sep 83
(168)
(IAA) PB83-873240/CAC

Microwave Antennas: Design 1975-1982
(165)
(INSPEC) PB83-856310/CAC

Bird Strikes

Bird Strikes and Aviation Safety
Jul 77(62) Includes Windshield Strikes
and Engine Ingestion
(NTIS) NTIS/PS-77/0606

Bird Strikes and Aviation Safety
1964-1982 (128) Includes Windshield
Strikes and Engine Ingestion
(NTIS) PB83-802694/CAC

Avionics

Aerospace Computer Systems: Avionics
Applications 1964-1975 (158)
(NTIS) NTIS/PS-77/0125/3CAC

Aerospace Computer Systems: Avionics
Applications 1976-1977 (203)
(NTIS) NTIS/PS-79/0312/3CAC

Aerospace Computer Systems: Avionics
Applications Aug 81-Oct 82 (100)
(NTIS) PB83-802041/CAC

Aerospace Computer Systems: Avionics
Applications 1978-Jul 81 (230)
(NTIS) PB83-802033/CAC

Cathode Ray Tubes 1970-Jul 83 (116)
(NTIS) PB83-868737/CAC

Multiplexing In Aircraft Jun 74-Sep 83
(133)
(IAA) PB83-871970/CAC

Capacity/Flight Safety

Air Traffic Congestion and Capacity
Jul 1977 (146)
(NTIS) NTIS/PS-77/0567

Air Traffic Congestion and Capacity
1964-Oct 82 (231)
(NTIS) PB83-801191/CAC

Air Traffic Control Simulation Models
1964-1975 (217)
(NTIS) NTIS/PS-78/0787/8CAC

Air Traffic Control Simulation Models
1976-Mar 83 (272)
(NTIS) PB83-805374/CAC

Clear Air Turbulence 1974-Jul 80 (237)
(IAA) PB80-815889/CAC

Clear Air Turbulence 1964-Nov 81 (313)
(NTIS) PB82-803180/CAC

Published Searches(con't)

Collision Avoidance Systems 1964-1981
(462)
(NTIS) PB82-806902/CAC

Collision Avoidance Systems: Air
Transportation 1964-May 83 (383)
Previous Editions of this Research
also Contained Marine and Ground
Transportation Collision Research
(NTIS) PB83-808006/CAC

Deicers

Deicing Techniques and Equipment
1970-Mar 83 (173)
(Ei) PB83-861690/CAC

Deicing Techniques and Equipment
1972-Aug 80 (102)
(IAA) PB81-850349/CAC

Deicing Techniques and Equipment
1970-Mar 83 (266)
(NTIS) PB83-861682/CAC

Deicing/Snow Control

Snow and Ice Control: Roadways
1970-Jul 82 (148)
(Ei) PB82-870494/CAC

Snow Removal and Deicing Techniques
for Roads and Runways Dec 1976 (143)
(NTIS) NTIS/PS-76/0987

Roads and Runways: Snow Removal and
Deicing Techniques 1964-Jun 83 (263)
(NTIS) PB83-807578/CAC

Snow Studies 1964-1974 (211) Includes
Studies on Properties, Construction,
Melting, and Removal
(NTIS) NTIS/PS-76/0808/6CAC

Snow Studies 1975-Nov 80 (283)
(NTIS) PB82-807959/CAC

Snow Studies Dec 80-Mar 82 (32)
Includes Studies on Properties,
Construction, Melting, and Removal
(NTIS) PB82-807967/CAC

Fog

Fog Dispersal 1964-Jan 82 (242)
(NTIS) PB82-805821/CAC

Fog Dispersal Nov 1977 (219)
(NTIS) NTIS/PS-77/1024

Fog Prediction 1964-Nov 81 (185)
(NTIS) PB82-802588/CAC

Ice and Fog: Detection and Warning
Systems 1964-May 82 (222)
(NTIS) PB82-809492/CAC

Ice Fog 1964-Feb 82 (67)
(NTIS) PB82-806548/CAC

Forecasting

Demands and Needs of Future Transpor-
tation, Part 1: Air Transportation
Feb 1977 (149)
(NTIS) NTIS/PS-77/0054

Air Transportation: Demands and Needs
1968-Sep 81 (334)
(NTIS) PB83-805077/CAC

Air Transportation: Demands and Needs
Oct 81-Mar 83 (19)
(NTIS) PB83-805085/CAC

Delphi Method Used in Forecasting
1970-Apr 80 (74)
(Ei) PB80-809320/CAC

Delphi Method Used in Forecasting
1964-Apr 80 (17)
(IAA) PB80-809338/CAC

Delphi Method Used in Forecasting
1970-Mar 83 (148)
(NTIS) PB83-862524/CAC

Published Searches(con't)

Economic Analyses of Airline Operations
1974-Oct 80 (165)
(IAA) PB81-802100/CAC

NAVSTAR Global Positioning System
1972-Jul 83 (194)
(IAA) PB83-868323/CAC

Inertial Navigation And Guidance

Inertial Navigation and Guidance
1976-Jul 80 (61)
(IAA) PB80-815640/CAC

NAVSTAR Global Positioning System
1977-1982 (145)
(INSPEC) PB83-855452/CAC

Inertial Navigation and Guidance
1964-May 76 (236)
(NTIS) NTIS/PS-77/0608/8CAC

NAVSTAR Global Positioning System
1970-Jul 83 (199)
(NTIS) PB83-868315/CAC

Inertial Navigation and Guidance
Jun 76-1982 (267)
(NTIS) PB83-802934/CAC

Omega Navigation System 1970-1982
(214)
(Ei) PB83-802843/CAC

Omega Navigation System 1964-1982
(352)
(NTIS) PB83-802900/CAC

Landing Aids

Signs and Display Systems: Graphic
Design and Human Engineering
Dec 1976 (121)
(NTIS) NTIS/PS-76/0967

Radome Technology 1970-Jul 83 (258)
(NTIS) PB84-800036/CAC

Microwave Landing Systems 1970-Nov 81
(122)
(Ei) PB82-803149/CAC

Radome Technology 1964-Nov 76 (228)
(NTIS) NTIS/PS-77/1151/8CAC

Microwave Landing Systems 1964-Nov 81
(222)
(NTIS) PB82-803131/CAC

Radome Technology 1976-Jul 83 (201)
(NTIS) PB84-800044/CAC

Radio Navigation

Loran C Navigation 1970-Oct 82 (157)
(Ei) PB83-801720/CAC

STOL Aircraft Jun 70-Nov 82 (141)
(Ei) PB83-852947/CAC

Loran C Navigation 1964-Oct 82 (220)
(NTIS) PB83-801712/CAC

STOL Aircraft Jun 74-Jan 82 (145)
(IAA) PB82-861469/CAC

STOL Aircraft Dec 76-Nov 82 (261)
(NTIS) PB83-852939/CAC

Short Takeoff Aircraft(STOL)

APPENDIX 3. NTIS ORDERING INFORMATION

1. HOW TO ORDER. All orders for reports and NTIS Searches should contain the NTIS order number and desired quantity (paper copy or microfiche). Order forms are available and can be obtained from NTIS upon request. Address orders to:

U.S. Department of Commerce
National Technical Information Service
5285 Port Royal Road
Springfield, Virginia 22161

Telephone: (703) 487-4650
Telex: 89-9405
Telecopier or 3M Fasimile Service (703) 321-8199

2. PAYMENT OPTIONS. For quick processing, it is recommended that a check for the total amount be included with the order. NTIS permits other payment options including an NTIS deposit account, an American Express or MasterCard/Visa charge, and a billing service. Contact NTIS concerning use of these options.

3. REPORT FORMATS.

a. Reports are available from NTIS in the following formats:

- (1) Paper copies of original report or reprint.
- (2) Microfiche sheet 105 mm x 148.75 mm (about 4" x 6").

b. In addition, certain reports may be available in the following formats.

- (1) Microfilm in 35 or 16 mm size.

(2) Magnetic tape, seven track, 200, 556 or 800 BPI, odd or even parity; or nine track, 800, 1,600, 6,250 BPI odd parity only, with Bcd (Binary coded decimal) or Ebcdic (Extended binary coded decimal interchange code) coding.

4. FEES SCHEDULES. The following fee schedules are effective as of the date of this appendix. You are advised to consult the latest NTIS price schedules since all prices are subject to change. These schedules are applicable to the North American Continent only. For orders outside North America, price quotations should be requested from NTIS.

AC 150/5000-4B

Appendix 3

Schedule A - Standard Price Schedule

| <u>Code</u> | <u>Page Range</u> | <u>Price</u> |
|-------------|-------------------|--------------|
| A01 | Microfiche | \$ 4.50 |
| A02 | 001 - 025 | 7.00 |
| A03 | 026 - 050 | 8.50 |
| A04 | 051 - 075 | 10.00 |
| A05 | 076 - 100 | 11.50 |
| A06 | 101 - 125 | 13.00 |
| A07 | 126 - 150 | 14.50 |
| A08 | 151 - 175 | 16.00 |
| A09 | 176 - 200 | 17.50 |
| A10 | 201 - 225 | 19.00 |
| A11 | 226 - 250 | 20.50 |
| A12 | 251 - 275 | 22.00 |
| A13 | 276 - 300 | 23.50 |
| A14 | 301 - 325 | 25.00 |
| A15 | 326 - 350 | 26.50 |
| A16 | 351 - 375 | 28.00 |
| A17 | 375 - 400 | 29.50 |
| A18 | 401 - 425 | 31.00 |
| A19 | 426 - 450 | 32.50 |
| A20 | 451 - 475 | 34.00 |
| A21 | 476 - 500 | 35.50 |
| A22 | 501 - 525 | 37.00 |
| A23 | 526 - 550 | 38.50 |
| A24 | 551 - 575 | 40.00 |
| A25 | 576 - 600 | 41.50 |
| A99 | 601 - up | * |

* Add \$1.50 for each
25-page increment,
or portion thereof.

Schedule N - Specialized Products

| <u>Code</u> | <u>Price</u> |
|--|---------------------------------|
| N01 | \$ 35.00 |
| N02 | 40.00 |
| <u>Schedule T - Computer Products Schedule</u> | |
| <u>Code</u> | <u>Price</u> |
| T01 | \$ 125.00 |
| T02 | 140.00 |
| T03 | 240.00 |
| T04 | 320.00 |
| T05 | 400.00 |
| T06 | 465.00 |
| T07 | 530.00 |
| T08 | 595.00 |
| T09 | 660.00 |
| T10 | 725.00 |
| T11 | 790.00 |
| T12 | 855.00 |
| T13 | 920.00 |
| T14 | 985.00 |
| T15 | 1,050.00 |
| T16 | 1,115.00 |
| T17 | 1,180.00 |
| T18 | 1,245.00 |
| T19 | 1,310.00 |
| T99 | Contact NTIS for Price Quote |

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